

# CURRICULUM VITÆ

## PERSONAL INFORMATION

Name: Dr. Lubna Bashir  
Designation: Associate Professor  
Postal Address: Department of Entomology  
Sindh Agriculture University, Tandojam-70060, Pakistan.  
Date of Birth: August 7, 1977  
N.I.C. No. 41303-1448860-0  
Phone +92-22-2765611  
Cell phone 0300-3085043  
Email [lubnabashirrajput@yahoo.com](mailto:lubnabashirrajput@yahoo.com)  
Marital Status Single  
Language Proficiency English, Chinese, Urdu, Sindhi  
Field of Specialization Entomology (Host Plant Resistance to Insects)

## EDUCATION

- **Ph.D.** on **“Resistance of different transgenic *Bt* cotton and monitoring the resistant dynamics of *Helicoverpa armigera* (Hübner) to *Bt* toxin”** sponsored by Chinese Scholarship Council (Partial Scholarship), Government of China, Graduate School of Chinese Academy of Agricultural Sciences China. September, 2011- June, 2014.
- **M.Sc. (Agriculture) Hons.** Entomology, Sindh Agriculture University, Tandojam, Pakistan. 2003-2005. ( **1<sup>st</sup> Class**)
- **B.Sc. (Agriculture) Hons.** Entomology, Sindh Agriculture University, Tandojam, Pakistan. 1998-2003. ( **1<sup>st</sup> Class**)
- **Intermediate (Higher Secondary School Certificate). Pre Medical.**  
B.I.S. E. Hyderabad, 1996. ( **B- Grade**)
- **Matriculation (Secondary School Certificate) Science group.**  
B.I.S. E. Hyderabad, 1994. ( **A Grade**)

## **ACADEMIC EXPERIENCE**

- 1. Associate Professor** (BPS-20), Department of Entomology, Sindh Agriculture University, Tandojam, 16<sup>th</sup> February 2017 to date.
- 2. Assistant Professor** (BPS-19), Department of Entomology, Sindh Agriculture University, Tandojam, 23<sup>rd</sup> September 2014 to 15<sup>th</sup> February 2017.
- 3. Lecturer** (BPS-18), Department of Entomology, Sindh Agriculture University, Tandojam, April 12<sup>th</sup>, 2006 to 22<sup>nd</sup> September 2014.

## **AWARDS / ACHIEVEMENTS:**

- 1. Best Teacher Award**, presented by “**Aao Parhao Team**”, Express Media Group Pakistan, 2014, “on hard working, dedication and valuable services in the field of Education in Pakistan”.
- 2. Nominated for “The Thirteenth Edition of the IDP Prize for Women’s contribution to Development 1439(2018G).**
- 3. Ph.D. Scholarship** awarded by the “**Chinese Scholarship Council (Partial Scholarship)**” Government of China, 2011-2014.
- 4. “Partial Support for PhD Studies Abroad Scholarship”** awarded by Higher Education Commission, Islamabad, Pakistan.
- 5. “Certificate of Appreciation”** awarded by Prof. Dr. Mujeebuddin Sahrai, Vice Chancellor, Sindh Agriculture University, Tandojam for performing extra ordinary duties in organizing 9<sup>th</sup> Convocation of Sindh Agriculture University Tandojam, April 28<sup>th</sup>, 2016.
- 6. Coordinator of the team for Ph. D. Degree Program, Entomology**, in the Department of Entomology, Sindh Agriculture University Tandojam.
- 7. Incharge of the Stored Grain Laboratory**, Department of Entomology, Sindh Agriculture University Tandojam.

## **RESEARCH EXPERIENCE/PROJECT:**

- 1.** Principal Investigator of the project “**Efficacy of different transgenic *Bt* cotton against the larvae of *Helicoverpa armigera* under lab condition**”. Submitted to Sindh Higher Education Commission.
- 2.** Worked as Research Fellow in a project entitled “**Cotton plant compensation to pest stress as affected by plant nutrients, growth regulators and cultural practices**” a project by Pakistan Science Foundation during 2005, at Sindh Agriculture University, Tandojam, Pakistan.
- 3.** **Ph.D.** Research title “**Resistance of different transgenic *Bt* cotton and monitoring the resistant dynamics of *Helicoverpa armigera* (Hübner) to *Bt* toxin**”.
- 4.** **M.Sc.** Research title “**Cotton lint quality characteristics as affected by use of plant growth regulators and micronutrients**”.
- 5.** Guiding Ph.D. and M.Sc. students for their research as Supervisor and co- supervisor.

## **MEMBERSHIP OF PROFESSIONAL SOCIETIES:**

- 1.** Member of “**M.Sc. (Agri.) Hons. Degree Program Team**” Department of Entomology, Faculty of Crop Protection, Sindh Agriculture University Tandojam, Pakistan.
- 2.** Member of “**Zoological Society of Pakistan**”.
- 3.** Member of “**Pakistan Entomological Society**”.
- 4.** Member of “**Entomological Society of Sindh**”.
- 5.** Remained the **member of the “Board of Studies”** of the Department of Entomology, Faculty of Crop Protection, Sindh Agriculture University Tandojam, Pakistan.
- 6.** Member of the “**Admission committee**” of Sindh Agriculture University Tandojam, Pakistan, in 2010.

7. Worked as Volunteer in the 9<sup>th</sup> 10<sup>th</sup> and 11<sup>th</sup> Convocations at Sindh Agriculture University Tandojam.

## **TRAINING/WORKSHOP/COURSES/CONFERENCES ATTENDED:**

### **International**

1. Presented paper in “**3<sup>rd</sup> International Conference on Agriculture, Food and Animal Sciences ICAFAS 2017**” held on January 10-11, 2017 Organized by Sindh Agriculture University Tandojam with collaboration of Higher Education Commission, Islamabad, Pakistan.
2. Presented paper in “**2<sup>nd</sup> International Conference on Agriculture and Animal Sciences**” held on February 25-26, 2015 at Sindh Agriculture University Tandojam.
3. Attended “**The Annual Conference of Environmental Safety Assessment Technology of Genetically Modified Cotton 2012**” held on 23-11-2012 Anyang, Henan Province, China.
4. Participated “**APEC Agricultural Technology Transfer Forum & 4<sup>th</sup> China Advanced Agricultural Technology Exhibition**” held on 23-25 November, 2011 in Friendship Hotel, Beijing, China.
5. Presented paper in “**1<sup>st</sup> International Conference on Agriculture and Animal Sciences**” held on May 12-14, 2008 at Sindh Agriculture University Tandojam.

### **National**

1. One Day Training Workshop on “**HEC Plagiarism Policy & Effective Usage of Tuunitin Service**” organized by Pakistan Scientific & Technological Information Centre (PASTIC), Pakistan Science Foundation (PSF) and Sindh Agriculture University Tandojam held on April 16, 2019.

- 2.** Training of Professional Development in “**Professional Competency Enhancement Program for Teachers (PCEPT)**” sponsored by National Academy Higher Education Commission, Pakistan, held at Sindh Agriculture University Tandojam, Pakistan, from December 1 to January 10, 2011.
- 3.** Attended the training of “**Essential Skills of Office Automation**” sponsored by Learning Innovation Division, Higher Education Commission, Pakistan, held at Sindh Agriculture University Tandojam, Pakistan, from May 19 to May 22, 2010.
- 4.** Training in “**2<sup>nd</sup> National Workshop on Bio-control Technology**” held at Nuclear Institute of Agriculture, Tandojam, Pakistan from 27-04-2010 to 29-04- 2010.
- 5.** Attended the training on “**Application of Modern Statistical Techniques in Agriculture and Animal Sciences**”, sponsored by Learning Innovation Division, Higher Education Commission, Pakistan, held at Sindh Agriculture University Tandojam, Pakistan, from March 9 to March 14, 2009.
- 6.** Participated and presented papers in “**3<sup>rd</sup> National Conference on Agriculture and Animal Sciences**” held on 23-25 November, 2006 at Sindh Agriculture University Tandojam, Pakistan.
- 7.** Attended “**2<sup>nd</sup> National Conference on Agriculture and Animal Sciences**” held in November, 2005 at Sindh Agriculture University Tandojam, Pakistan.
- 8.** Attended “**1<sup>st</sup> National Conference on Agriculture and Animal Sciences**” held in November, 2004 at Sindh Agriculture University Tandojam, Pakistan.
- 9.** “**Certificate course in office Automation**” held from March 2004 to June 2004 at Information Technology Center, Sindh Agriculture University Tandojam, Pakistan.
- 10.** Attended many seminars of M.Sc., Ph. D. and others seminars conducted by different organizations at Sindh Agriculture University Tandojam, Pakistan.

**M. Sc. RESEARCH WORK SUPERVISED, COMPLETED AND DEGREE AWARDED UNDER MY SUPERVISION**

S. No.	Name of Student	Year	Title of Thesis
1	<b>Waqar Ali Chandio</b>	2015	Influence of environmental factors on population dynamics of <i>Amrasca biguttula biguttula</i> (Ishida) on sunflower.
2	<b>Abdul Qudoos</b>	2016	Mass rearing of <i>Chrysoperla carnea</i> by using different filler material under laboratory conditions.
3	<b>Fida Hussain</b>	2016	Population fluctuation of red flour beetle on different dry fruits under laboratory conditions.
4	<b>Iftikhar Ahmed</b>	2016	Efficacy of different botanical and synthetic insecticides on Red pumpkin beetle ( <i>Aulacophora foveicollis</i> ) in bitter gourd.
5	<b>Mansab Khan</b>	2016	Efficacy of different insecticides against rice leaf folder, <i>Cnaphalocrocis medinalis</i> (Pyraulidae: Lepidoptera) at Balochistan.
6	<b>Ahmed Ammar</b>	2017	Ovipositional preference and biology of melon fruit fly, <i>Bactrocera cucurbitae</i> Coccuillet (Diptera: Tephritidae) on different fruits of cucurbit vegetables.
7	<b>Amjad Junejo</b>	2017	Efficacy of sub-lethal doses of insecticides against Gram pod borer <i>Helicoverpa armigera</i> (Hub.) under laboratory conditions.
8	<b>Arsalan Ahmed</b>	2017	Varietal resistance of different rice varieties against red flour beetle, <i>Tribolium castaneum</i> Herbst. (Tenebrionidae: Coleoptera) under laboratory conditions.
9	<b>Fida Hussain Jalbani</b>	2017	Assessment of different rice varieties for resistance to granary weevil, <i>Sitophilus granarius</i> L. (Curculionidae: Coleoptera) under laboratory conditions.
10	<b>Mehboob Ali</b>	2017	Screening of different safflower cultivars against safflower aphid, <i>Uroleucon compositae</i> (Theobald).
11	<b>Rizwan Aqeel</b>	2017	Screening of different safflower cultivars against <i>Helicoverpa armigera</i> (Lepidoptera:Noctuidae).
12	<b>Sajad Ahmed</b>	2017	Evaluate the preference of pupal parasitoid, <i>Dirhinus giffardii</i> against host pupae of <i>Bactrocera cucurbitae</i> .

13	<b>Attaullah</b>	2018	Relative efficacy of different concentrations of mint ( <i>Mentha longifolia</i> ) against <i>Callosobruchus chinensis</i> (Coleoptera: Bruchidae).
14	<b>Ayaz Ali Jalbani</b>	2018	Impact of various phosphorous fertilizer doses on gram pod borer in different chickpea cultivars.
15	<b>Asad Shah</b>	2018	Effect of plant materials against <i>Tribolium castaneum</i> Herbst (Coleoptera: Tenebrionidae).
16	<b>Farooque Hussain</b>	2018	Relative efficacy of different concentrations of mint ( <i>Mentha longifolia</i> ) against <i>Rhyzopertha dominica</i> (Coleoptera: Bostrichidae).
17	<b>Saifullah Kumbhar</b>	2018	Impact of botanical insecticides against sucking insect Pests and their predator in brinjal crop.
18	<b>Danish Ali</b>	2019	Evaluation of various botanical extracts against onion Thrips ( <i>Thrips tabaci</i> ) in field.
19	<b>Muhammad Imran</b>	2019	Effect of plant materials against <i>Sitophilus oryzae</i> Linnaeus (Coleoptera: Curculionidae) in rice.
20	<b>Muneer Ahmed</b>	2019	Relative performance of different concentrations of mint ( <i>Mentha longifolia</i> ) against <i>Tribolium castaneum</i> (Coleoptera: Tenebrionidae).
21	<b>Asad Rajput</b>	2020	Performance of various colored sticky traps against insect pests of maize.
22	<b>Junaid Ahmed Soomro</b>	2020	Population fluctuation of sucking insect pests on different maize ( <i>Zea mays</i> L.) varieties.
23	<b>Muhammad Faheem</b>	2020	Effect of different densities of gossypure on catching efficiency of <i>Pectinophora gossypiella</i> (Saunders)
24	<b>MUNWAR LAL</b>	2020	Population fluctuation and damage potential of <i>Tribolium castaneum</i> (Coleoptera: Tenebrionidae) on cereals.
25	<b>Ramoon</b>	2021	Relative population of <i>Bactrocera zonata</i> (Tephritidae: Diptera) on jujube cultivars in field.
26	<b>Tanzeela –ul Zahra</b>	2021	Repellency of medicinal oils against <i>Tribolium castaneum</i> (HERBST) under laboratory conditions.
27	<b>Sajjad Ahmed</b>	2021	Synergistic effect of food essences on performance of gossypure against <i>Pectinophora gossypiella</i> (Saunders)

## **M. Sc. RESEARCH WORK UNDER MY SUPERVISION (In Proce)**

S. No.	Name of Student	Title of Thesis	Remarks
1.	<b>Nasir Raisani</b>	Efficacy of different insecticides against Apple codling moth, <i>Cydia pomonella</i> L. (Lepidoptera: Tortricidae) at Balochistan.	Synopsis Approved
2.	<b>Ali Ahmed</b>	Insect diversity associated with hinna, <i>Lawsonia inermis</i> L. (Lythraceae: Myrtales)	Synopsis Approved
3.	<b>Shafique Ahmed Mashori</b>	Effect of botanicals powders against red flour beetle, <i>Tribolium castaneum</i> (Herbst) (Tenebrionidae: Coleoptera)	Synopsis Approved



## RESEARCH PUBLICATIONS:

### A. International

1. Rehman H., A. Bukero, A.G. Lanjar and **L. Bashir**. 2020. Investigation of varietal characteristics of tomato plants for determining the diverse preference of *Bemisia tabaci* (Aleyrodidae: Hemiptera). *Gesunde Pflanzen*, 72: 163-170. (IF= **0.738**)  
<https://doi.org/10.1007/s10343-019-00497-z>
2. Memon S., J.G.M. Sahto, **L. Bashir**, I.A. Nizamzni, and A.Q. Rajput. 2020. Use of *Chrysoperla carnea* larvae to control whitefly (Aleyrodidea:Hemiptera) on tomato plant in greenhouse. *J. appl. Res in Plant Sci.*, 1(2): 59-64. . (ISI indexed).
3. Rind, S. H., Arfan, A. G., **Lubna, B.**, Nizamani, I. A. 2020. Screening of indigenous onion varieties of Sindh, Pakistan against Thrips tabaci Lindeman. *International Journal of Entomology Research*, 5(4): 17-19. (ISI indexed).
4. Kunbhar S., **L. B. Rajput**, A. A. Gilal, G. A. Channa and J. G. M. Sahito. 2018. Impact of botanical pesticides against sucking insect pests and their insect predators in brinjal crop. *Journal of Entomology and Zoology Studies*, 6(2): 83-87. (ISI indexed).
5. **Rajput L. B.**, M. K. Umrani and W. A. Chandio. 2017. Efficacy of different insecticides against rice leaf folder, *Cnaphalocrocis medinalis* (Lepidoptera: Pyralidae) in rice. Published Abstract, 3<sup>rd</sup> International Conference on Agriculture, Food and Animal Sciences. Pp.82.
6. Shuai Zhang, Junyu Luo, Chunyi Wang, Limin Liv, Weili Jiang, Jinjie Cui, **Lubna Bashir Rajput**, 2014. “Complete mitochondrial genome of *Aphis gossypii* Glover (Hemiptera: Aphididae)”. *Mitochondrial DNA*. (IF= **1.7**).  
<http://informahealthcare.com/doi/pdfplus/10.3109/19401736.2014.919474>
7. **Rajput Lubna Bashir**, Shuai Zhang, Jin-Jie Cui 2014. “The effect of different transgenic *Bt* cotton on fiber quality”. Abstracts 2<sup>nd</sup> Int. Conf. on Agri. Food and Animal Sciences. Pp.34.
8. Soomro S.M., **L.B. Rajput**, H.B .Baloach & M.A. Rustamani, 2008. “Relative Resistance of Some Sarsoon Varieties to Whitefly”. Extended Abstracts 1<sup>st</sup> Int. Conf. on Agri., Food and Animal Sciences. Pp.107-108.

## **B. National**

1. Arfan, A. G., **Lubna, B.**, Faheem, M., Rajput, A., Soomro, J. A., Kunbhar, S., Mirwani, A. S., Zahra, T., Mastoi, G. S. and Sahito, J. G. M. 2020. First Record of Invasive Fall Armyworm (*Spodoptera frugiperda* (Smith) (Lepidoptera: Noctuidae)) in Corn Fields of Sindh, Pakistan. *Pakistan Journal of Agricultural Research*, 33 (2):247-252. (“Y” Category, HEC Recognized)
2. Chandio, S. A., Gilal, A. A., **Rajput, L. B.**, Brohi, M. U., Sahto, J. G. M., Bhatti, M. A., and Sheikh, A. 2020. Performance of various trap crops in the management of Thrips *tabaci* L. in onion crop. *Pure and Applied Biology*, 9 (4): 2476-2481. (“Y” Category, HEC Recognized)
3. Bhatti, M. A., **Rajput, L. B.**, Gilal, A. A., Sahito, J. G. M., Brohi, M. U., and Chandio, S. A. 2020. Relative performance of different concentrations of mint (*Mentha longifolia* L.) against *Tribolium castaneum* (Coleoptera: Tenebrionidae) in wheat. *Pure and Applied Biology*, 9 (4): 2151-2157. (“Y” Category, HEC Recognized)
4. Rehman H., A. Bukero, A.G. Lanjar, **L. Bashir**, Z. Lanjar and S.A. Nahiyoan. 2020. Use of *Chrysoperla carnea* larvae to control whitefly (Aleyrodidea:Hemiptera) on tomato plant in greenhouse. *Pure and Applied Biology*, 9 (4): 2128-2137. (“Y” Category, HEC Recognized)
5. **Rajput L. B.**, J. Cui, S. Zhang, J. Luo, C. Wang and L. Lv. 2017. The effect of the different transgenic BT cotton technology on the fiber quality. *Journal of Basic & Applied Sciences*, 13, 166-170. (“Y” Category, HEC Recognized)
6. **Rajput L. B.**, A. A. Gilal, A. Bukero, N. A. Wahocho. 2017. Impact of different oils as biopesticides against sucking insect pests in cotton. *Journal of Basic & Applied Sciences*, 13, 34- 40. (“Y” Category, HEC Recognized)
7. Wahocho N. A., A.A. Maitlo, Q. B. Baloch, A. A. Kaleri, **L. B. Rajput**, N. A. Talpur, Z. A. Sheikh, F. H. Mengal and S. A. Wahocho. 2017. Effect of varying levels of nitrogen on the growth and yield of muskmelon (*Cucumis melo* L.). *Journal of Basic & Applied Sciences*, 13, 448-453. (“Y” Category, HEC Recognized).
8. **Rajput L. B.**, S. A. H. Shah, S. Rajput and M.M. Khan. 2016. Efficacy of different acaricides against the date spider mite, *Oligonychus afrasiaticus* under field conditions. *Pakistan Journal of Entomology*, Vol. 31(1) 91-99. (“Z” Category, HEC Recognized).

9. **Rajput L. B.**, A. A. Gilal, G. H. Abro, M. I. Mastoi, J. G. M. Sahito, and I. A. Nizamani. 2016. Effect of application of micronutrients on the lint quality parameters of cotton. *Science International (Lahore)*, 28(2): 1295-1298. (“Y” Category, HEC Recognized)
10. Abro G. H., **L. B. Rajput**, T. S. Syed, S. N. Mazari and A. Bukero. 2016. Biology of Brinjal fruit borer, *Lucinodes orbonalis* Guenee in laboratory conditions. *Pakistan Journal of Entomology*, Vol. 31(1) 73-80. (“Z” Category, HEC Recognized)
11. Shah, S. A. H., **L. B. Rajput**, S. Rajput, and M. A. Chandio. 2016. Toxicity of different doses of Polo 500EC against cotton Jassid, *Amrasca biguttula biguttula* (Ishida) under field conditions. *Pakistan Journal of Entomology*, Vol. 31(1) 17-24. (“Z” Category, HEC Recognized)
12. Shah, S. A. H., **L. B. Rajput**, S. Rajput, N. N. Bhutto, J. G. M. Sahito and M. A. Chandio. 2016. Efficacy of Confidor doses at different spray intervals against whiteflies *Bemisea tabacci* (Genn.) under field conditions. *Pakistan Journal of Entomology*, Vol. 31(1) 65-72. (“Z” Category, HEC Recognized)
13. Nahiyoon S. A., A. Bukero, A. G. Lanjar, **L. B. Rajput** and N. A. Qureshi. 2016. Reporting varietal preference of Thrips *Thrips tabaci* Lind on cotton. *Science International (Lahore)*, 28(2): 1253-1254. (“Y” Category, HEC Recognized)
14. Balouch S., A. Bukero, I. A. Nizamani, M. I. Kumbhar, **L. B. Rajput**, R. A. Buriro, A. R. Shah, N. A. Qureshi, J. A. Sheikh, S. A. Nahiyoon and Z. Rajput. 2016. Rearing of Green Lacewing, *Chrysoperla carnea* (Stephens) on different artificial diets in the laboratory. *Journal of Basic & Applied Sciences*, 12, 289-292. (“Y” Category, HEC Recognized)
15. Sahito J. G. M., M. A. Rustamani, G. H. Abro, A. A. Gilal, F. N. Khoso, **L. B. Rajput** and J. G. M. Sahito. 2016. Effect of selected insecticides on damage compensation of sucking pests in cotton. *Science International (Lahore)*, 28(2): 1305-1308. (“Y” Category, HEC Recognized)
16. Pathan S. N., A. Bukero, I. A. Nizamani, M. I. Kumbhar, A. G. Lanjar, **L. B. Rajput**, J. A. Sheikh and Z. Rajput. 2016. Influence of varying temperature on life stages of *Chrysoperla carnea* (Stephens) under laboratory conditions. *Journal of Basic & Applied Sciences*, (“Y” Category, HEC Recognized)

17. Wahocho N. A., M. I. Kakar, T. F. Miano, N. N. Memon, Q. B. Baloch, K. H. Talpur, **L.B. Rajput**. 2016. Growth and yield of Cucumber (*Cucumis sativus* L.) cultivars in response to different nitrogen levels. *Science International (Lahore)*, 28(3): 2691-2695. (**“Y” Category, HEC Recognized**)
  
18. **Rajput L. B.**, I. A. Nizamani, W. A. Chandio, J. G. M. Sahito, N. A. Qureshi and A. A. Gilal. 2015. Influence of environmental factors and natural enemies on population dynamics of *Amrasca biguttula biguttula* (Ishida) on sunflower. *Pakistan Journal of Entomology*, 30 (1): 69-78. (**“Z” Category, HEC Recognized**)
  
19. Syed T. S., **L. B. Rajput**, G. H. Abro, S. A. H. Shah and V. Menghwar. 2015. Investigation on varietal resistance of Gram against *Helicoverpa armigera* Hb. Under field conditions. *Pakistan Journal of Entomology*, 30 (2): 173-178. (**“Z” Category, HEC Recognized**)
  
20. Bukero A., I. A. Nizamani, **L. B. Rajput**, N.A. Qureshi, M. J. Sheikh and J. G. M. Sahito. 2015. Biology of Angoumois grain moth, *Sitotroga cerealalla* (Oliver) on wheat in laboratory conditions. *Pakistan Journal of Entomology*, 30 (2): 179-184. (**“Z” Category, HEC Recognized**)
  
21. Shah S. A. H., S. Rajput, M. S. Arain, **L. B. Rajput** and S. M. A. Shah. 2015. Screening the varieties of brinjal against pests and their natural enemies. *Pakistan Journal of Entomology*, 30 (2): 121-1140. (**“Z” Category, HEC Recognized**)
  
22. Nizamani I. A., M. A. Rustamani, M. I. Khaskheli, J. M. Maree, **L. B. Rajput** and S. A. Nizamani. 2015. Management of Hairy caterpillar, *Euproctis fraternamoore* of jujube, *Ziziphus mauritiana* Lam. *Science International (Lahore)*, 28(1), 416-422. (**“Z” Category, HEC Recognized**)
  
23. Shah S. A. H., **L. B. Rajput**, N. A. Lakho and M. S. Arain. 2014. Comparative efficacy of different synthetic insecticides against Tobacco cutworm, *Spodoptera litura* (F) on cauliflower under field conditions. *Pakistan Journal of Entomology*, 29 (2): 83-90. (**“Z” Category, HEC Recognized**)
  
24. **Rajput, L.B.**, G.H. Abro, M.A. Rustamani, M.I. Kubar and T.S. Syed. 2006. “Cotton lint quality Characteristics as affected by use of plant growth regulators”. Proceeding 3<sup>rd</sup> National Conference on Agriculture and Animal Sciences. Pp-42-44.

25. Kubar, M.I., R.D. Khuhro, **L.B. Rajput**, and S.N. Khuhro. 2006. "Predators associated with okra (*Hibiscus esculentus* L.)". Proceeding 3<sup>rd</sup> National Conference on Agriculture and Animal Sciences. Pp-47-51.

### **Papers submitted / under review**

1. **Rajput, L. B.**, S. Zhang, J. Luo, C. Wang, L. Lv, J. Cui. Dynamic expression levels of Cry1Ac proteins in two *Bt* cotton (Cry1Ac & Cry1Ac+ CpTI) and efficacy of Cry1Ac against the larvae of *H. armigera*. (Submitted)
2. **Rajput L. B.**, S. Zhang, J. Y. Luo, C. Y. Wang, L. M. Lv, J. Cui. Frequency of *Bt* resistance alleles conferring resistance to *Bt* toxin Cry1Ac in *Helicoverpa armigera* during 2010-2013 in the Yellow River cotton growing region of china. (Submitted)
3. **Rajput L. B.**, S. Zhang, J. Cui. Identification of Cry1Ac Binding Protein in *Helicoverpa armigera* midgut. (Submitted)